

# Comparisons of Job Characteristics

**Focus Occupation: Surgical Technologists (29-2055)**

**Associated Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 86

**Focus Occupation: Surgical Technologists (29-2055)**

**Associated Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)**

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Psychology	6.4	19.0	10.3	<<	Extensive education and/or training may be required
Customer and Personal Service	11.3	17.4	13.2	<<	Extensive education and/or training may be required
Medicine and Dentistry	3.7	16.4	15.2	0	Current knowledge level may be sufficient
Therapy and Counseling	3.8	13.0	6.1	<<	Extensive education and/or training may be required
Biology	3.7	8.7	9.2	0	Current knowledge level may be sufficient
Philosophy and Theology	3.2	6.6	4.6	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 71

**Focus Occupation: Surgical Technologists (29-2055)**

**Associated Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)**

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Social Perceptiveness	9.1	12.3	9.4	<<	Extensive development of skills in this area may be required
Service Orientation	7.9	12.2	8.7	<<	Extensive development of skills in this area may be required
Coordination	9.1	11.6	11.6	0	Current skill level may be sufficient
Time Management	8.9	11.0	8.3	<<	Extensive development of skills in this area may be required
Science	4.5	9.6	5.0	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 80			
Focus Occupation: Surgical Technologists (29-2055) Associated Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Problem Sensitivity	11.1	14.3	12.9	<	Some improvement in abilities may be required
Static Strength	5.0	9.1	7.2	<	Some improvement in abilities may be required
Stamina	4.0	7.4	5.9	<	Some improvement in abilities may be required
Gross Body Coordination	3.9	7.3	6.2	<	Some improvement in abilities may be required
Gross Body Equilibrium	3.2	6.2	4.2	<<	Extensive improvement in abilities may be required
Explosive Strength	1.4	5.5	1.0	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 87
Focus Occupation: Surgical Technologists (29-2055) Associated Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)		
Work Activities	Exclusivity of Activity	
Apply appropriate physical restraint	71	
Communicate technical information	4	
Follow infectious materials procedures	52	
Follow patient observation procedures	71	
Identify body response variations	57	
Inventory medical supplies or instruments	67	
Lift or transport ill or injured patients	69	
Observe patient condition	48	
Prepare patients for tests, therapy, or treatments	70	
Take vital signs	56	
Understand technical operating, service or repair manuals	6	
Use clinical sterilizing technique	71	
Use emergency medical procedures	64	
Use hazardous materials information	35	
Use interpersonal communication techniques	10	

Use knowledge of medical terminology	40
Use sanitation practices in health care settings	48

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 63

**Focus Occupation: Surgical Technologists (29-2055)**

**Associated Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)**

Tools and Technologies	Exclusivity
Airway management products	30
Blood pressure units and related products	11
Computers	1
Content authoring and editing software	1
Emergency medical services resuscitation products	15
Heat and cold therapy products	29
Industry specific software	1
Intravenous and arterial cannulas and catheters and accessories	29
Intravenous and arterial infusion bags and containers and related products	62
Medical incision drains and drainage bags and reservoirs and related products	70
Medical ultrasound and doppler and echo imaging products	19
Open heart perfusion equipment and monitors and accessories and related products	43
Oxygen therapy delivery systems and devices	13
Patient transport products	18
Specimen collection and transport containers and supplies	14
Suture and related products	23
Syringes and accessories	14
Vascular and compression therapy equipment and supplies	33

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.